Mountain Weather Forecast

Yorkshire Dales National Park

Forecast valid from 06:00 on Wednesday 03 Feb 2021 until 23:59 on Thursday 04 Feb 2021

Forecast Issued on Wednesday 03 Feb 2021 at 03:21

Confidence: High confidence for an unsettled period of weather over the forecast period but lower confidence in detail as a low pressure system is centred to the west of the Yorkshire Dales area. Keep updated with the latest forecast before heading out.

Headline for Wednesday 03 Feb 2021: Becoming colder again with outbreaks of rain, sleet and snow.

Mountain weather hazards on Wednesday 03 Feb 2021

Blizzards
No Likelihood

Heavy Snow
No Likelihood

Storm force winds
No Likelihood

Gales
No Likelihood

Severe chill effect
Low Likelihood

Poor visibility
High Likelihood

Thunderstorms
No Likelihood

Heavy persistent rain
No Likelihood

Strong sunlight
No Likelihood

Weather and chance of precipitation at 600m					
Time					
06:00	09:00	12:00	15:00	18:00	21:00
Light rain	Drizzle	Sleet	Sleet	Light snow	Light snow
Precipitation probability					
60%	60%	60%	60%	60%	60%

Forecast for Wednesday 03 Feb 2021

Weather: A grim start to the day with persistent rain and drizzle, along with extensive low cloud. The outbreaks will become lighter as the morning progresses but any rain will be gradually replaced by sleet and snow during the afternoon and evening, starting from the northwest.

Chance of cloud free mountain/hill tops above 600m: 0-10% throughout the day, with extensive low cloud in association with rain and sleety outbreaks.

Visibility: Very poor throughout the day, with neighbouring hills barely visible.

Check our weather forecast every day to get the most accurate and up to date information
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Forecast for Wednesday 03 Feb 2021

Height (m)	Wind Speed mean/gusts (mph) Wind Direction (blowing from)						
	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	7/10 E	9/12 NE	10/15 NE	11/18 NE	11/17 NE	12/19 E	15/23 E
300	4/9 NE	7/14 NE	8/17 NE	10/20 NE	9/19 NE	11/20 E	12/23 E
Valley	6/12 E	12/19 NE	12/21 NE	10/19 E	9/17 E	11/22 E	13/25 E

Height (m)	Temperature / Feels Like (°C)						
	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	2/-2	0/-4	0/-4	-0/-5	-0/-5	-1/-6	-0/-6
300	2/1	2/-1	2/-1	2/-2	2/-2	2/-3	2/-3
Valley	5/2	4/0	4/1	4/0	3/-0	3/-1	3/-1
Freezing Level*	1200m	1100m	700m	600m	500m	500m	500m

**Level above which ground is expected to be frozen/snow is expected to settle.*

Meteorologist's View

Freezing level falling as cold air from the north begins to sink south over the Yorkshire Dales, it is a very fine balance between warmer and colder air over this area and whether precipitation will be rain or snow.

Recent rainfall: measured at Malham: altitude 375m

Recorded at	Last 24 hours:	Last 48 hours:	Last 72 hours:
03:00 on Wed 03 Feb 2021	24mm	25mm	25mm

Forecast for Thursday 04 Feb 2021

Weather: A period of moderate sleet or snowfall is likely in the morning but becoming drier and brighter later in the day. Remaining mainly cloudy throughout. With freezing level around 800m, precipitation is likely to be wintry on the tops with some accumulations expected.

Maximum wind: Southeasterly 15mph with gusts 25mph.

Chance of cloud free mountain/hill tops above 600m: 20% or less in the morning. Cloud is likely to be extensive at low level during the morning, perhaps 50% in the afternoon as cloud lifts and breaks especially in the west.

Visibility: Poor or very poor in low cloud, bases around 400m and wintry precipitation with tricky navigation conditions likely at higher levels. Moderate later in the day as cloud lifts to around 700m, visibility is likely to be better in the west.

Temperature: **Valleys:** Plus 2 rising to plus 5 Celsius.
At 600m: Plus 0-1 Celsius
Freezing level: 600-900m

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